

ABSTRACT OF THE DISCLOSURE**MELANOMA ANTIGENIC PEPTIDES**

Thus, this invention provides novel, synthetic polypeptide vaccines against  
5 human melanoma and methods for making these vaccines. Polynucleotides  
encoding these polypeptides are further provided herein.

This invention also provides antigen presenting cells that present the novel  
polypeptides on the cell surface and use of the APC in cancer therapy. Immune  
effector cells expanded in the presence of the APC are further provided herein.  
10 These compositions are useful as melanoma vaccines and in adoptive  
immunotherapy.